

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046891.D
 Acq On : 29 Jul 2024 19:45
 Operator : MA/JU
 Sample : P3263-16DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK4DL

Quant Time: Jul 30 00:02:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

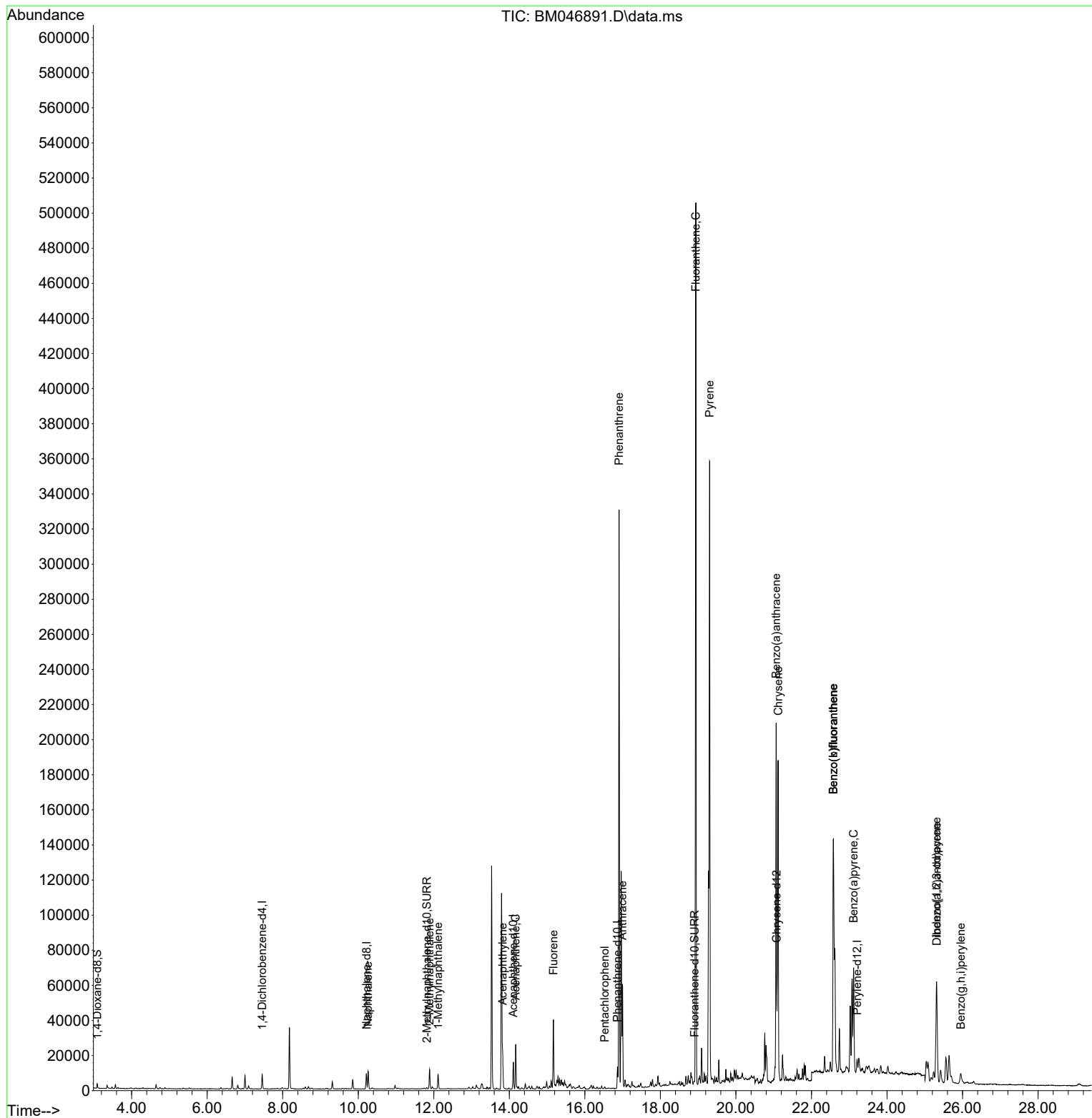
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3934	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.216	136	11800	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	7815	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188	14899	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	7593	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	8647	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1617	0.587	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	963	0.051	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212	1634	0.066	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.260	128	13297	0.446	ng/ul	98
7) 2-Methylnaphthalene	11.888	142	7531	0.367	ng/ul	100
8) 1-Methylnaphthalene	12.113	142	5465	0.258	ng/ul	100
10) Acenaphthylene	13.822	152	24343	0.680	ng/ul	99
11) Acenaphthene	14.169	153	13671	0.563	ng/ul	99
12) Fluorene	15.168	166	24539	0.808	ng/ul	97
14) Pentachlorophenol	16.525	266	532	0.079	ng/ul	97
15) Phenanthrene	16.905	178	319828	7.469	ng/ul	98
16) Anthracene	16.994	178	61032	1.531	ng/ul	99
19) Fluoranthene	18.937	202	446921	13.402	ng/ul	98
20) Pyrene	19.304	202	321385	9.317	ng/ul	97
21) Benzo(a)anthracene	21.064	228	168434	5.323	ng/ul	97
22) Chrysene	21.117	228	179377	5.581	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	294661	7.762	ng/ul	93
25) Benzo(k)fluoranthene	22.580	252	294661	7.702	ng/ul#	90
26) Benzo(a)pyrene	23.115	252	80578	2.957	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.313	276	83239	1.984	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.319	278	28404	0.925	ng/ul#	96
29) Benzo(g,h,i)perylene	25.957	276	12903	0.349	ng/ul#	84

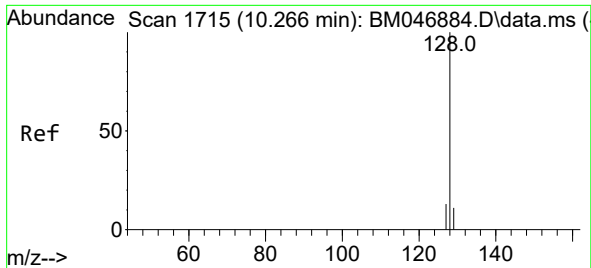
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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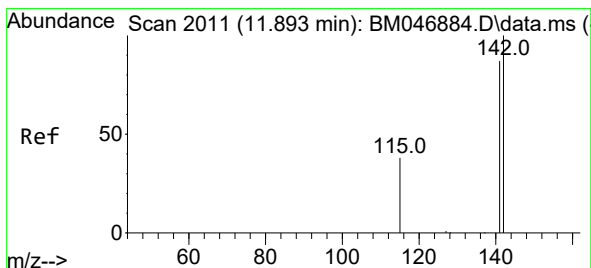
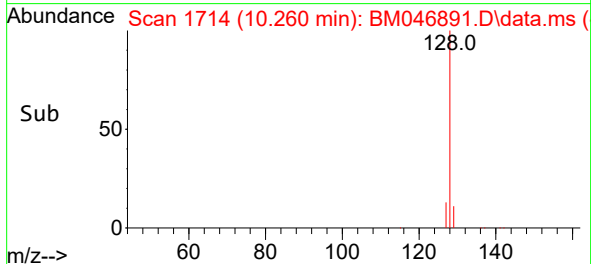
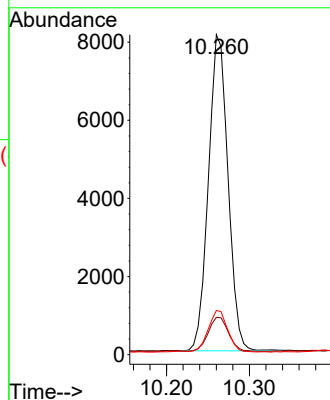
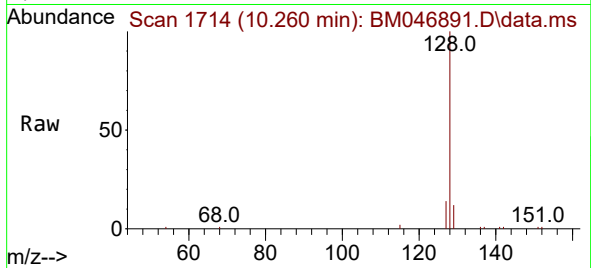




#5
Naphthalene
Concen: 0.446 ng/ul
RT: 10.260 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

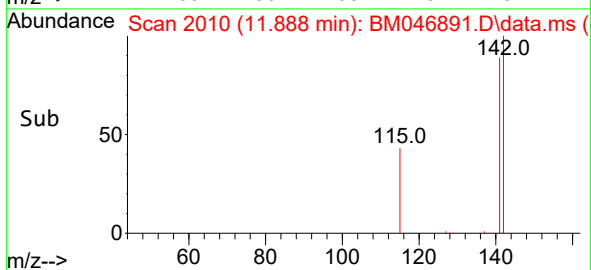
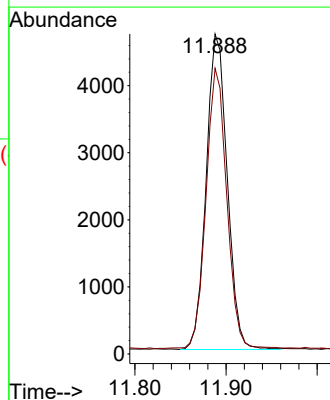
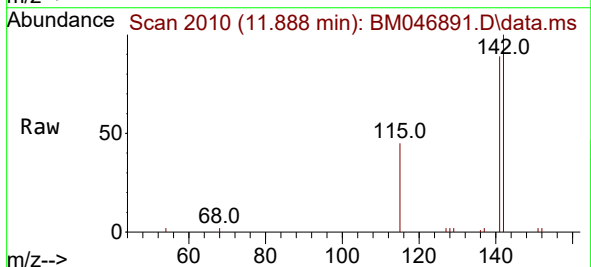
Instrument :
BNA_M
ClientSampleId :
A4CK4DL

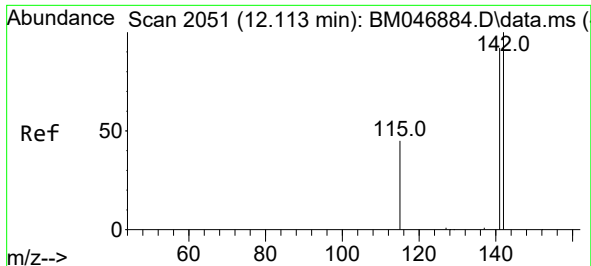
Tgt Ion:128 Resp: 13297
Ion Ratio Lower Upper
128 100
129 11.6 10.1 15.1
127 13.8 11.5 17.3



#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 11.888 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

Tgt Ion:142 Resp: 7531
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7

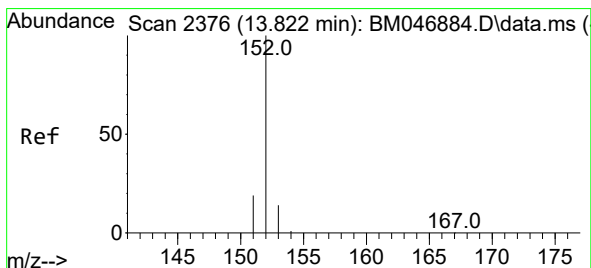
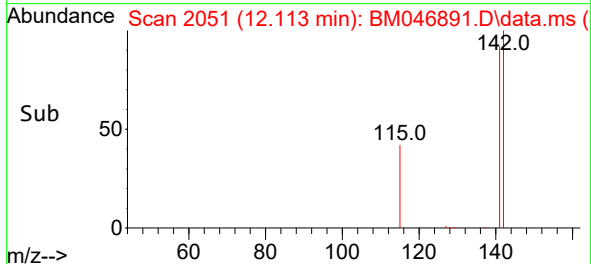
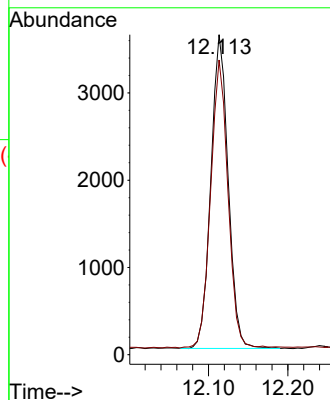
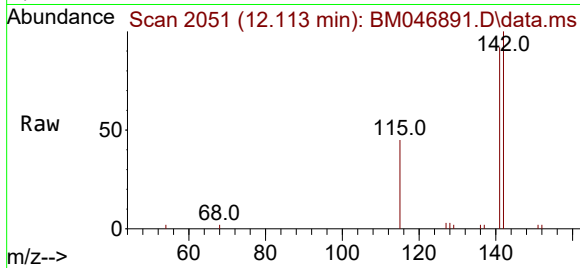




#8
1-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.016 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

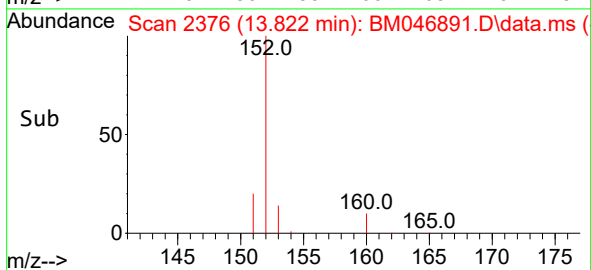
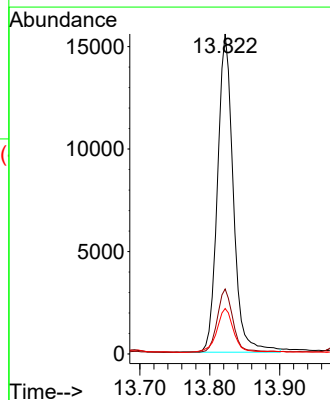
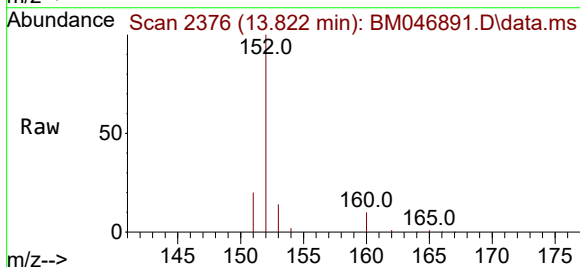
Instrument :
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ClientSampleId :
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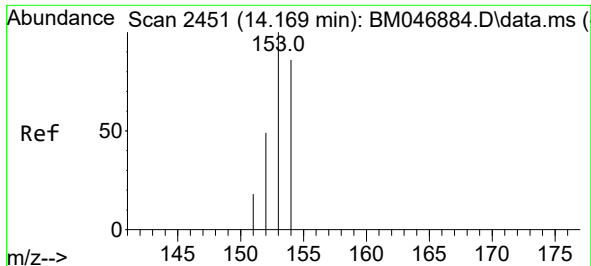
Tgt Ion:142 Resp: 5465
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7



#10
Acenaphthylene
Concen: 0.680 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.009 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

Tgt Ion:152 Resp: 24343
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.2 11.0 16.6

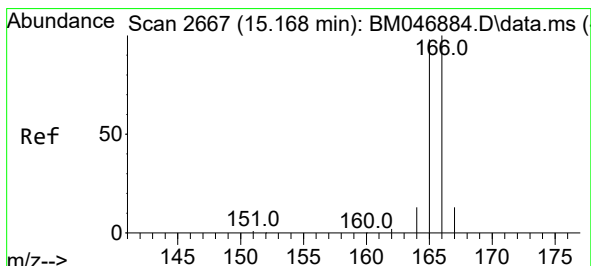
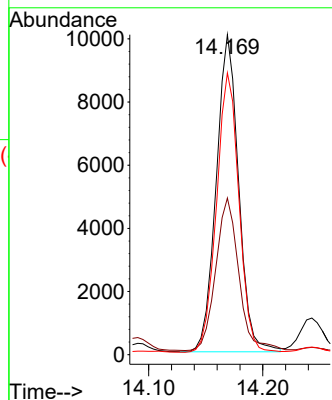
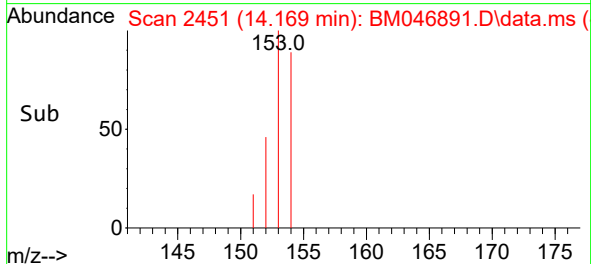
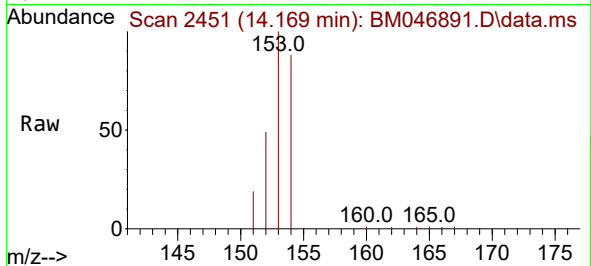




#11
Acenaphthene
Concen: 0.563 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

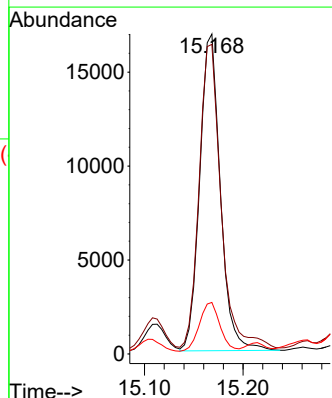
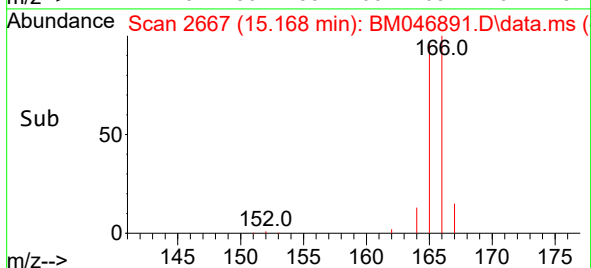
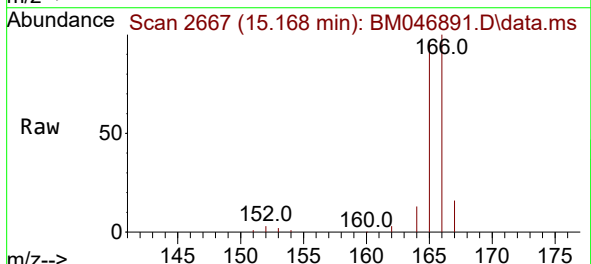
Instrument :
BNA_M
ClientSampleId :
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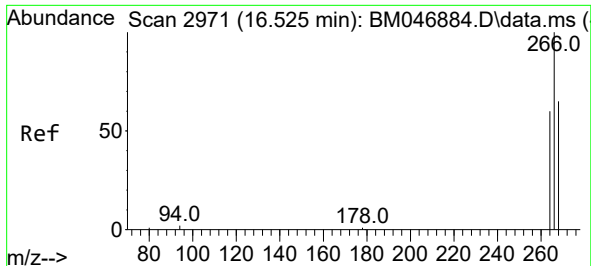
Tgt Ion:153 Resp: 13671
Ion Ratio Lower Upper
153 100
152 49.0 38.6 57.8
154 88.0 70.8 106.2



#12
Fluorene
Concen: 0.808 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

Tgt Ion:166 Resp: 24539
Ion Ratio Lower Upper
166 100
165 96.8 79.8 119.6
167 16.1 12.3 18.5

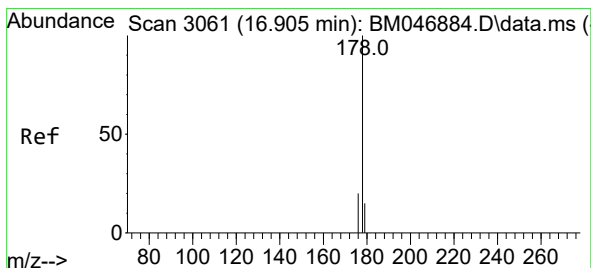
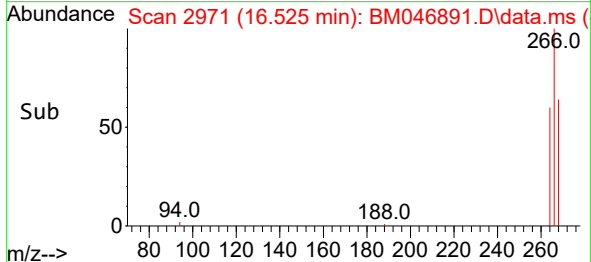
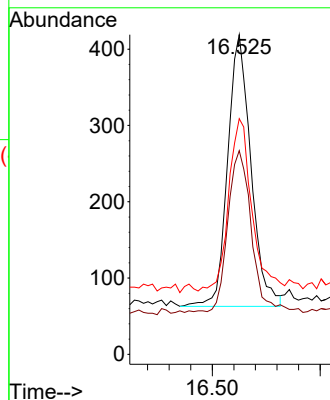
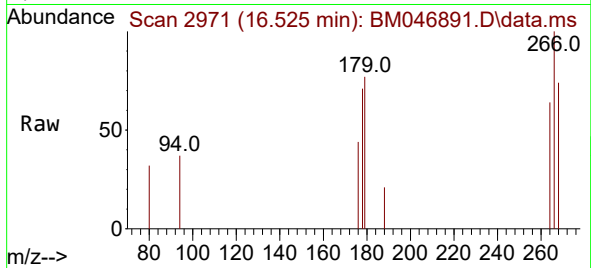




#14
 Pentachlorophenol
 Concen: 0.079 ng/ul
 RT: 16.525 min Scan# 2971
 Delta R.T. -0.008 min
 Lab File: BM046891.D
 Acq: 29 Jul 2024 19:45

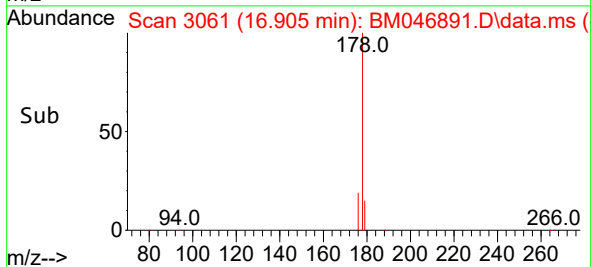
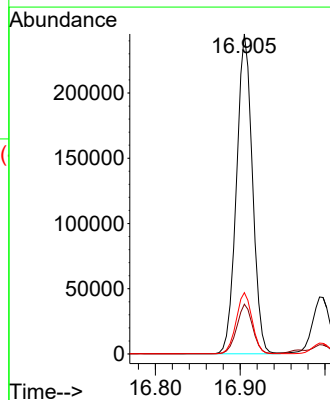
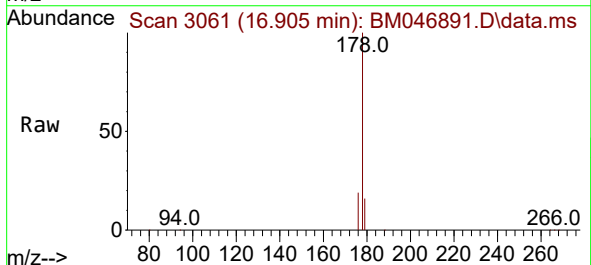
Instrument :
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 ClientSampleId :
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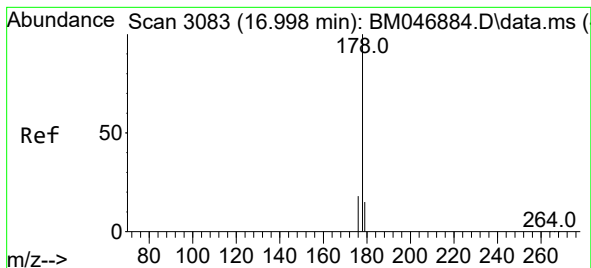
Tgt Ion:	266	Resp:	532
Ion Ratio	Lower	Upper	
266	100		
264	59.6	51.1	76.7
268	63.9	51.8	77.6



#15
 Phenanthrene
 Concen: 7.469 ng/ul
 RT: 16.905 min Scan# 3061
 Delta R.T. -0.008 min
 Lab File: BM046891.D
 Acq: 29 Jul 2024 19:45

Tgt Ion:	178	Resp:	319828
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.4	20.2
176	19.2	16.1	24.1





#16

Anthracene

Concen: 1.531 ng/ul

RT: 16.994 min Scan# 3083

Delta R.T. -0.013 min

Lab File: BM046891.D

Acq: 29 Jul 2024 19:45

Instrument :

BNA_M

ClientSampleId :

A4CK4DL

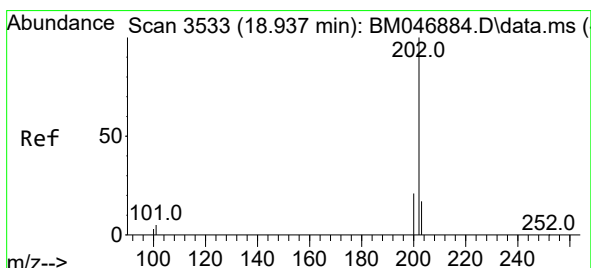
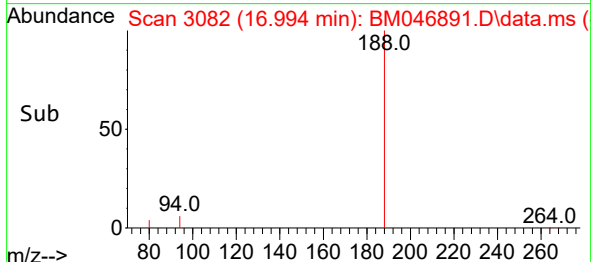
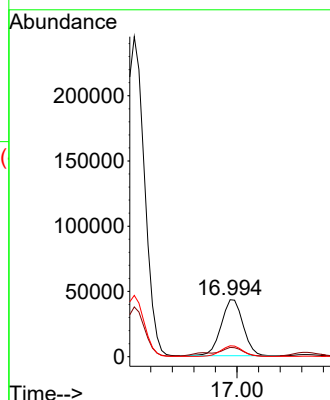
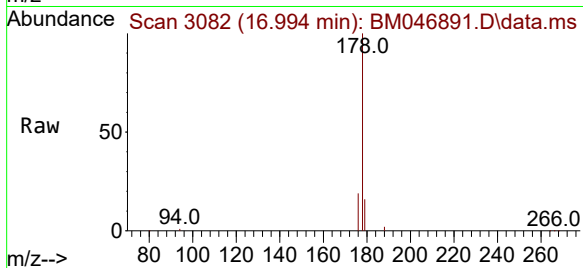
Tgt Ion:178 Resp: 61032

Ion Ratio Lower Upper

178 100

179 16.2 13.1 19.7

176 19.1 15.0 22.6



#19

Fluoranthene

Concen: 13.402 ng/ul

RT: 18.937 min Scan# 3533

Delta R.T. -0.005 min

Lab File: BM046891.D

Acq: 29 Jul 2024 19:45

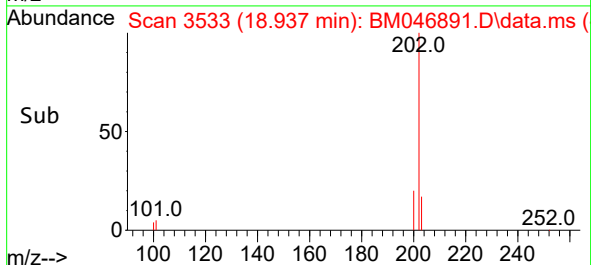
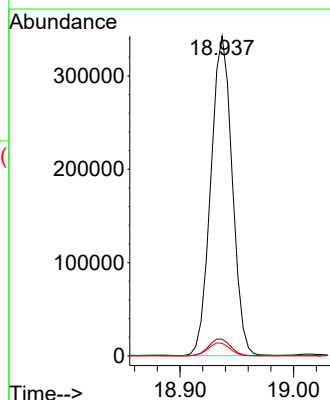
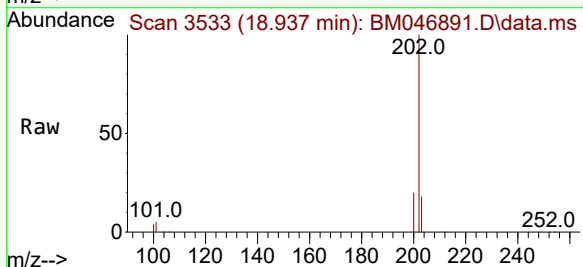
Tgt Ion:202 Resp: 446921

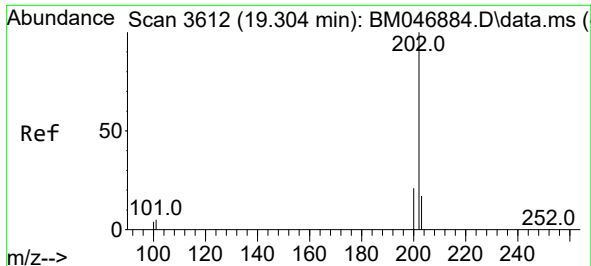
Ion Ratio Lower Upper

202 100

101 5.3 4.7 7.1

100 4.0 3.4 5.2

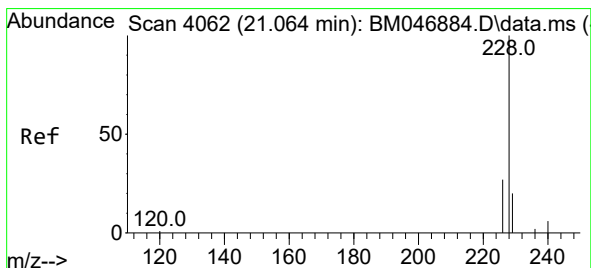
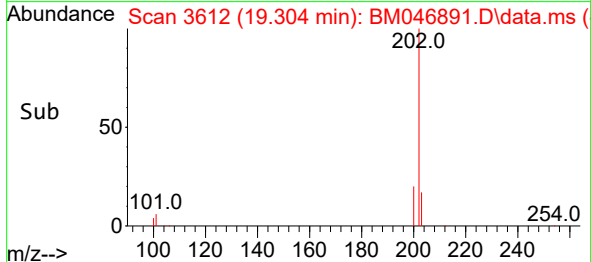
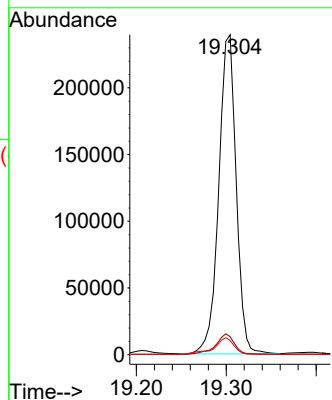
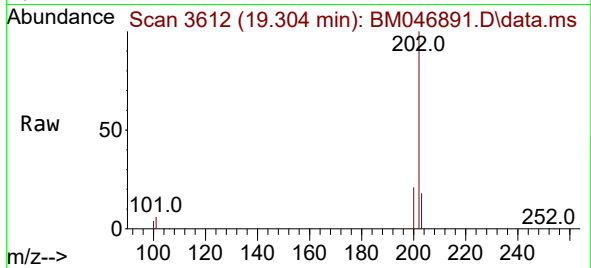




#20
Pyrene
Concen: 9.317 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

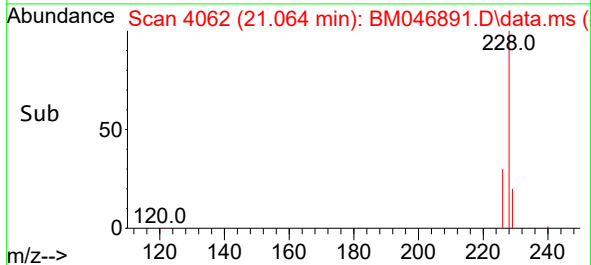
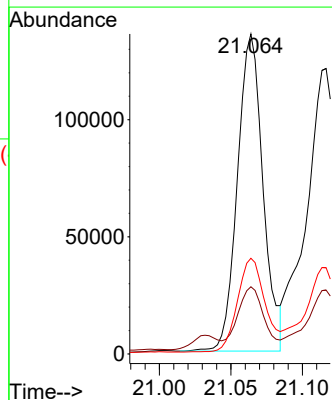
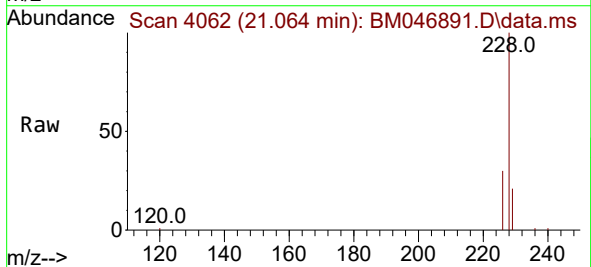
Instrument :
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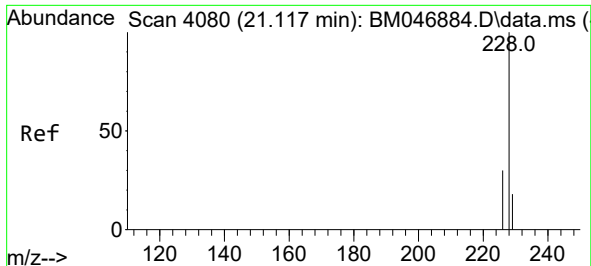
Tgt Ion:202 Resp: 321385
Ion Ratio Lower Upper
202 100
101 5.6 5.2 7.8
100 4.4 4.3 6.5



#21
Benzo(a)anthracene
Concen: 5.323 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

Tgt Ion:228 Resp: 168434
Ion Ratio Lower Upper
228 100
229 21.0 16.3 24.5
226 29.9 22.3 33.5





#22

Chrysene

Concen: 5.581 ng/ul

RT: 21.117 min Scan# 4080

Delta R.T. 0.000 min

Lab File: BM046891.D

Acq: 29 Jul 2024 19:45

Instrument :

BNA_M

ClientSampleId :

A4CK4DL

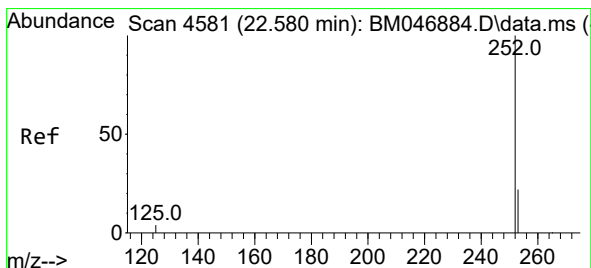
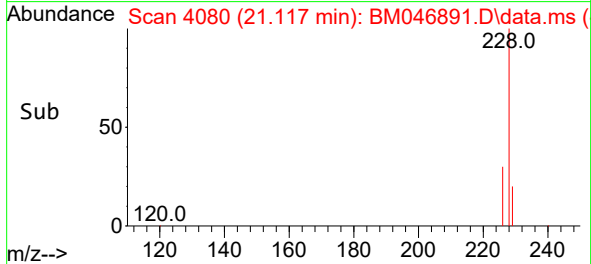
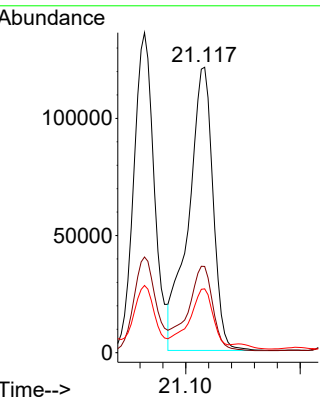
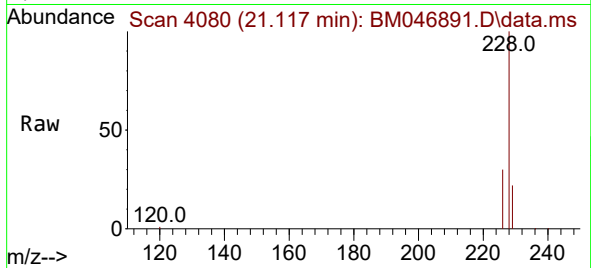
Tgt Ion:228 Resp: 179377

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 22.4 16.2 24.2



#24

Benzo(b)fluoranthene

Concen: 7.762 ng/ul

RT: 22.580 min Scan# 4581

Delta R.T. -0.000 min

Lab File: BM046891.D

Acq: 29 Jul 2024 19:45

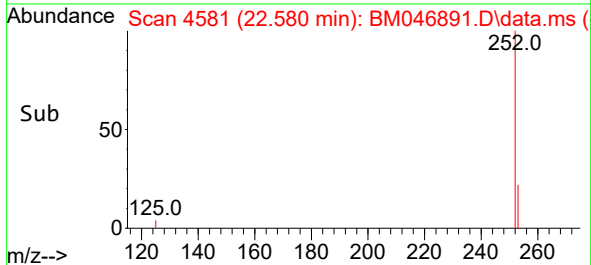
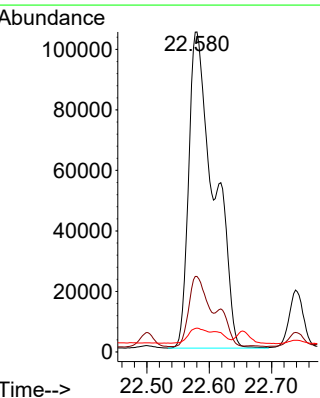
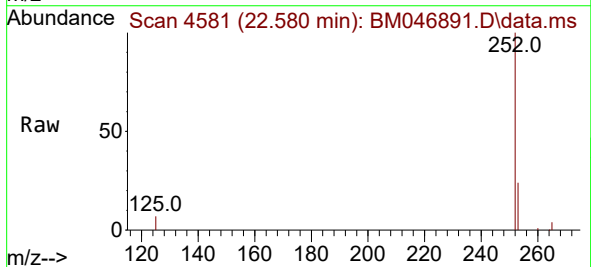
Tgt Ion:252 Resp: 294661

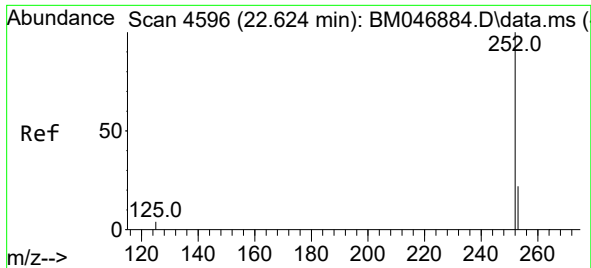
Ion Ratio Lower Upper

252 100

253 23.6 0.0 56.4

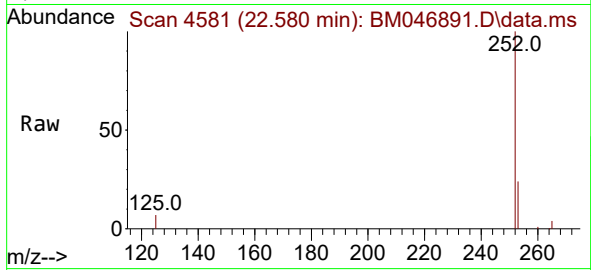
125 7.4 0.0 15.8



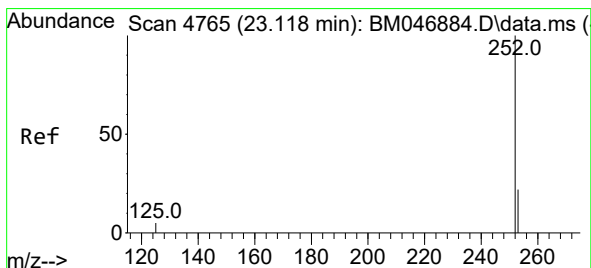
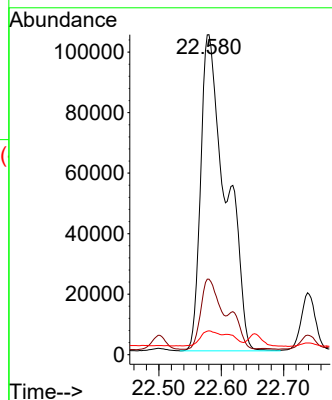


#25
Benzo(k)fluoranthene
Concen: 7.702 ng/ul
RT: 22.580 min Scan# 4581
Delta R.T. -0.041 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

Instrument :
BNA_M
ClientSampleId :
A4CK4DL

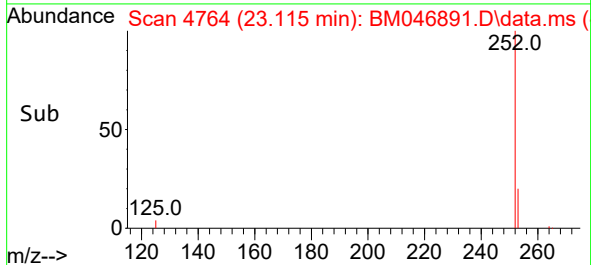
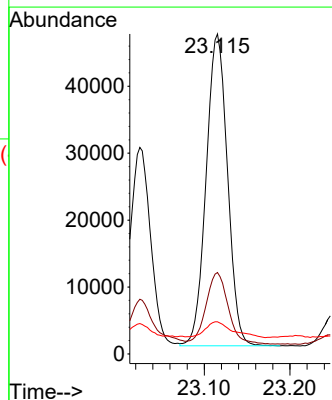
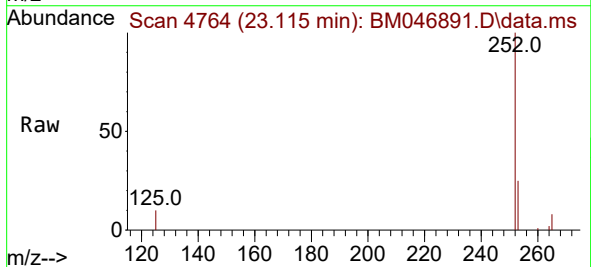


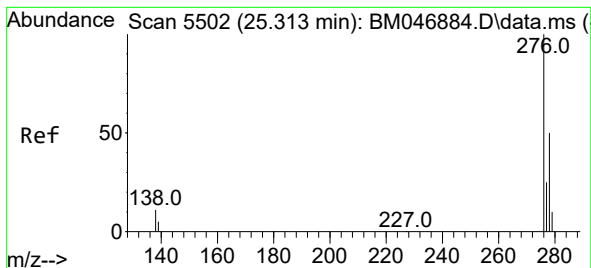
Tgt Ion:252 Resp: 294661
Ion Ratio Lower Upper
252 100
253 23.6 23.5 35.3
125 7.4 8.6 13.0#



#26
Benzo(a)pyrene
Concen: 2.957 ng/ul
RT: 23.115 min Scan# 4764
Delta R.T. -0.003 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

Tgt Ion:252 Resp: 80578
Ion Ratio Lower Upper
252 100
253 25.4 26.0 39.0#
125 10.1 7.8 11.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.984 ng/ul

RT: 25.313 min Scan# 5

Delta R.T. -0.003 min

Lab File: BM046891.D

Acq: 29 Jul 2024 19:45

Instrument :

BNA_M

ClientSampleId :

A4CK4DL

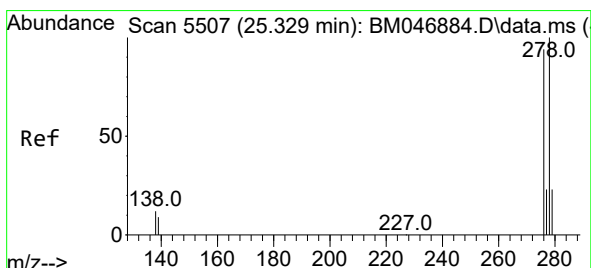
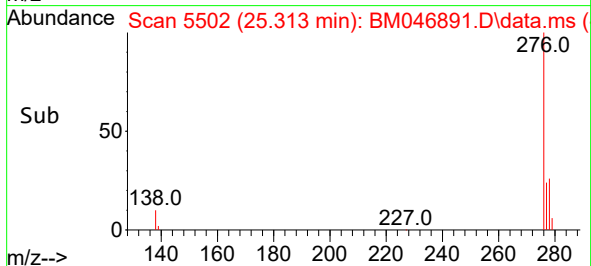
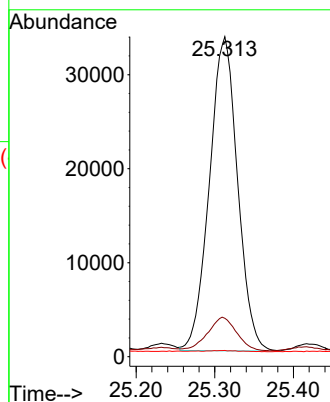
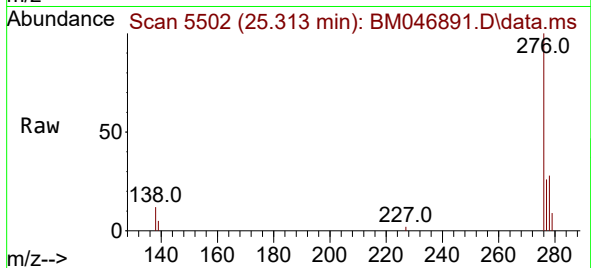
Tgt Ion:276 Resp: 83239

Ion Ratio Lower Upper

276 100

138 10.8 9.7 14.5

227 0.4 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.925 ng/ul

RT: 25.319 min Scan# 5504

Delta R.T. -0.013 min

Lab File: BM046891.D

Acq: 29 Jul 2024 19:45

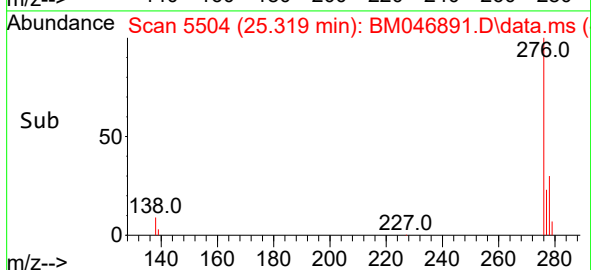
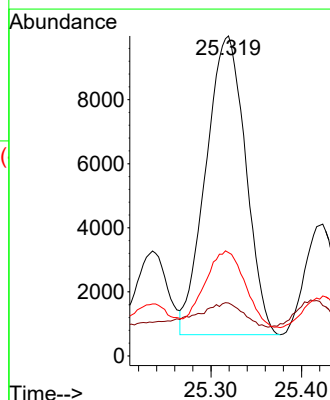
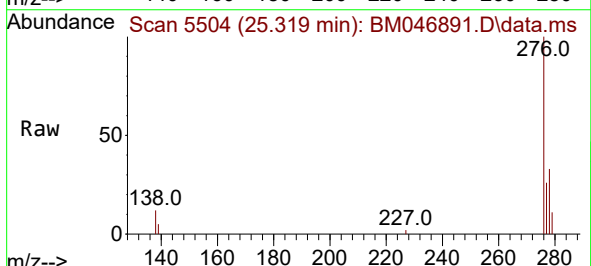
Tgt Ion:278 Resp: 28404

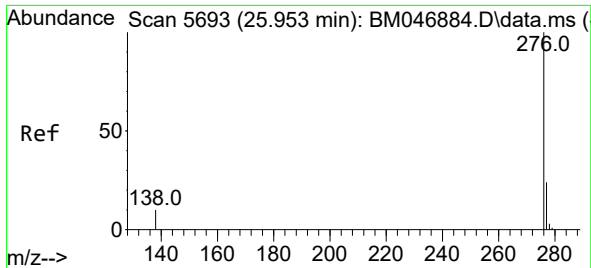
Ion Ratio Lower Upper

278 100

139 16.5 9.8 14.8#

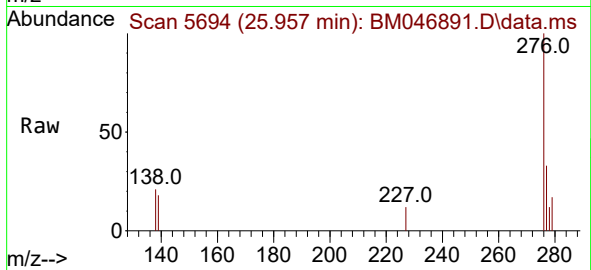
279 32.3 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 25.957 min Scan# 50
Delta R.T. 0.003 min
Lab File: BM046891.D
Acq: 29 Jul 2024 19:45

Instrument :
BNA_M
ClientSampleId :
A4CK4DL



Tgt Ion:276 Resp: 12903
Ion Ratio Lower Upper
276 100
138 21.5 9.5 14.3#
277 32.5 20.9 31.3#

